MMI

MEDICAL MICROBIOLOGY AND IMMUNOLOGY

Volume 162 · 1975/76

Editorial Board

A. C. Allison, Harrow, England
E. Habermann, Giessen, Germany
H. zur Hausen, Erlangen, Germany
N. Ishida, Sendai, Japan
M. Katz, New York, USA
P. J. Lachmann, Cambridge, England
P. H. Lambert, Geneva, Switzerland
F. Lehmann-Grube, Hamburg, Germany
S. J. Martin, Belfast, N.-Ireland
L. J. Mata, Costa Rica
V. ter Meulen, Würzburg, Germany
M. E. Miller, Torrance, USA
E. Norrby, Stockholm, Sweden
F. Ørskov, Copenhagen, Denmark
F. T. Perkins, Geneva, Switzerland
J. H. Pope, Herston, Australia
J. B. Robbins, Bethesda, Md., USA
R. Rott. Giessen, Germany

Editor-in-Chief: R. Rott

Springer International

Founded in 1886 by Robert Koch, C. Flügge, F. Neufeld,
M. Hahn, R. Doerr, H. Dold, R. Otto, H. Schlossberger etc.
as Zeitschrift für Hygiene und Infektionskrankheiten.
Vols. 148 to 151 were published under the title:
Zeitschrift für Hygiene und Infektionskrankheiten,
Medizinische Mikrobiologie, Immunologie und Virologie.
From Vol. 152 to 156 the title was:
Zeitschrift für Medizinische Mikrobiologie und Immunologie.
Vols. 1–90 (1920) Leipzig, Veit & Co.,
later Berlin, Vereinigung wissenschaftlicher Verleger Walter de Gruyter & Co.,
from Vol. 91 on Berlin, Springer.

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions, also in microform, is transferred to the publisher.

The use of registered names, trademarks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore, free for general use.

Springer-Verlag Berlin Heidelberg New York

Printed in Germany by Wiesbadener Graphische Betriebe GmbH, Wiesbaden

© by Springer-Verlag Berlin Heidelberg 1975/76

Contents

Becht, H., Malole, B.: Comparative Evaluation of Different Fixation Procedures and Different Coupling Reagents for the Demonstration of Influenza Virus-Specific Antibodies by the Indirect Hemagglutination Test 43
Bednarek, I., s. Schröter, G., et al. 133
Blechschmidt, M., Thomssen, R.: Electron-Microscopic Identification of Infectious Particles of Lymphocytic Choriomeningitis 193
Bellamy, J. E. C., s. Knop, J. 153
Berger, U., Falsen, E.: Über die Artenverteilung von *Moraxella* und moraxella-ähnlichen Keimen im Nasopharynx gesunder Erwachsener 239
Bhattacharyya, F. K.: *Vibrio cholerae* Flagellar Antigens: A Serodiagnostic Test, Functional Implications of H-Reactivity and Taxonomic Importance of Cross-Reactions within the *Vibrio* Genus 29
Bockemühl, J., s. Schröter, G., et al. 133
Cabau, N., Levy, F. M., Martins, D.: A Comparison of the Evolution of Transmitted IgG Immunoglobulin and Diphtheria Antitoxin Titers in the Newborn 251
Colombini, A., s. Zinkernagel, R. M. 1
Denton, M. D., s. Jennings, R., et al. 217; 227
Doerr, H. W., Gross, G., Schmitz, H.: Neutralizing Serum IgM Antibodies in Infections with *Herpes simplex* Virus Hominis 183
Dornbusch, K., Nord, C.-E., Olsson, B., Wadström, T.: Some Properties of Coagulase—Negative Deoxyribonuclease-Producing Strains of Staphylococci from Human Infections 143
Dörfler, W., s. Steinke, H., et al. 137
Enomoto, C., s. Tobita, K., et al. 9
Evans, D. J., Jr., s. Ørskov, F., et al. 73
Falsen, E., s. Berger, U. 239
Fimmel, P. J., s. Holt, P. G., et al. 209
Furuyama, M., s. Tobita, K., et al. 9
Gschwender, H. H., Rutter, G., Lehmann-Grube, F.: Lymphocytic Choriomeningitis Virus. II. Characterization of Extractable Complement-Fixing Activity 119
Gross, G., s. Doerr, H. W., et al. 183
Holt, P. G., Fimmel, P. J., Roberts, L. M., Keast, D.: Serum Modulation of *in vitro* Cellular Immune Reactivity to Epstein-Barr Virus-Associated Antigen 209
Hornick, R. B., s. Miller, L. W., et al. 15
Huang, R. T. C.: On the Structure of the Carbohydrate Chains of Different Strains of the Influenza Virus 169
Jennings, R., Denton, M. D., Potter, C. W.: The Hamster as an Experimental Animal for the Study of Influenza. I. The Role of Antibody in Protection 217
Jennings, R., Phair, J. P., Denton, M. D., Potter, C. W.: Tha Hamster as an Experimental Animal for the Study of Influenza. II. The Role of Spleen Cells in Protection 227
Keast, D., s. Holt, P. G., et al. 209
Klein, P., s. Müller, F. 55
Knop, J., Bellamy, J. E. C.: Supression of Growth of *Vibrio cholerae* in the Intestine of Immunized Mice 153
Laufs, R., s. Steinke, H., et al. 137
Lehmann-Grube, F., s. Gschwender, H. H., et al. 119
Levy, F. M., s. Cabau, N., et al. 251
Malole, B., s. Becht, H. 43
Martin, S. J., s. Rima, B. K. 89
Martins, D., s. Cabau, N., et al. 251
Miller, L. W., Togo, Y., Hornick, R. B.: Clinical and Serologic Effects of Alice Strain Live Attenuated Influenza A (H3N2) Virus Vaccine in an Adult Population 15

Moss, D. J., Pope, J. H., Scott, W.: Inhibition of EB Virus Transformation of Non-Adherent Human Lymphocytes by Co-Cultivation with Adult Fibroblasts 159
Müller, F., Klein, P.: Modellversuche zur Antikörper-Differenzierung bei der Toxoplasmose des Menschen 55
Mussgay, M., s. Weiland, E. 81
Nord, C.-E., s. Dornbusch, K., et al. 143
Norrby, E., Vandvik, B.: Relationship between Measles Virus-Specific Antibody Activities and Oligoclonal IgG in the Central Nervous System of Patients with Subacute Sclerosing Panencephalitis and Multiple Sclerosis. 63
Ogura, H.: XC Cell Fusion by Murine Leukemia Viruses: Fusion from Without 175
Olsson, B., s. Dornbusch, K., et al. 143
Ørskov, I., s. Ørskov, F., et al. 73
Ørskov, F., Ørskov, I., Evans, D. J., Jr., Sack, R. B., Sack, D. A.: Special *Escherichia coli* Serotypes among Enterotoxigenic Strains from Diarrhoea in Adults and Children 73
Phair, J. P., s. Jennings, R., et al. 227
Pope, J. H., s. Moss, D. J., et al. 159
Potter, C. W., s. Jennings, R., et al. 217; 227
Rima, B. K., Martin, S. J.: Persistent Infection of Tissue Culture Cells by RNA Viruses. 89
Roberts, L. M., s. Holt, P. G., et al. 209
Rutter, G., s. Gschwender, H. H., et al. 119
Sack, R. B., s. Ørskov, F., et al. 73
Sack, D. A., s. Ørskov, F., et al. 73
Schmitz, H., s. Doerr, H. W., et al. 183
Schröter, G., Bockemühl, J., Bednarek, I.: Butandioldehydrogenase in *Vibrio parahaemolyticus* 133
Scott, W., s. Moss, D. J., et al. 159
Scriba, M.: Recurrent Genital *Herpes simplex* Virus (HSV) Infection of Guinea Pigs . . 201
Steinke, H., Laufs, R., Dörfler, W.: Oncornaviruslike Particles in Human Malignancies 137
Sugiura, A., s. Tobita, K., et al. 9
Thomssen, R., s. Blechschmidt, M. 193
Tobita, K.: Permanent Canine Kidney (MDCK) Cells for Isolation and Plaque Assay of Influenza B Viruses. 23
Tobita, K., Sugiura, A., Enomoto, C., Furuyama, M.: Plaque Assay and Primary Isolation of Influenza A Viruses in an Established Line of Canine Kidney Cells (MDCK) in the Presence of Trypsin 9
Togo, Y., s. Miller, L. W., et al. 15
Vandvik, B., s. Norrby, E. 63
Wadström, T., s. Dornbusch, K., et al. 143
Weiland, E., Mussgay, M.: Detection of Cytotoxic Lymphoid Spleen Cells from STU-Mice with Moloney Sarcoma by a ^{3}H-Proline Microcytotoxicity Assay 81
Zinkernagel, R. M., Colombini, A.: Passive Oral Immunization with Bovine Immunoglobulins: Enteropathogenic *Escherichia coli* from Infants and Bovine Anti-*E. coli* Lactoserum Assayed in the Rabbit Ileal Loop Model 1

Indexed in Current Contents